TA-16-260 CMS and Characterization Well CdV-R-15-3

Location: TA-15, downgradient from PRS 16-021(c)-Borehole Stratigraphy configuration encountered Ground surface elevation: 7258.9 ft asl at T.D. 7258.9 ft above sea level (asl) NAD 83 Survey coordinates (center top of Soil 0 ft Qbt 4 16-in. – Core/cuttings Groundwater Borehole protective box): groundwater casing samples x: 1762349.2 y: 1623221.0 occurrences 7200 to 20 ft z: 7260.9 ft asl samples Qbt 3 100 Drilling: Tshirege Fluid assisted, air, dual wall reverse Member, 7100 circulation Bandelier Qbt 2 200 Phase 1 start date: 1/19/00 Tuff Phase 1 end date: 1/20/00 Phase 2 start date: 3/17/00 7000 Qbt 1v Phase 2 end date: 4/26/00 300 Qbt 1g Borehole drilled to 1722 ft Tsankawi 6900 Data collection: Pumice Bed 16-in. → 400 Field hydraulic testing: Slug tests in 3 open deepest borehole Cerro screens 6800 to 722 ft Toledo Groundwater samples submitted for Interval 500 geochem. and cont. characterization: 6 Geologic properties: Mineralogy, 6700 petrography, ▼ ? 600 and chemistry (10) Borehole logs: Lithologic, video, caliper, 6600 arrav Otowi Qbof induction, natural gamma ray, natural Member, 700 gamma ray spectrum, continuous Bandelier deviation, Tuff combinable magnetic resonance, triple 6500 Qbog litho ▼ ? 800 density, raw formation microimager, Puye accelerator neutron porosity, 6400 QTpf 🔍 Formation temperature, high K, Th 900 spinner). | | | | | Contaminants in borehole samples: 6300 8 \blacksquare Cerros del Tb Perched groundwater: TNT by-products Rio Basalt 1000 Regional groundwater: none 6200 Compilation of data collection and analysis: LA-UR-00-4527 _Tpf 🦻 1100 high K, Th Well construction: 6100 Drilling completed: 4/26/00 Well installed: 6/9/00 1200 12 1/4-in. → Well developed: 8/4/00 1246 ft open Westbay installed: 9/ /00 6000 borehole Casing: 16-in. casing to 20 ft to T.D. Number of screens: 6 1300 4.5-in. I.D. ss: 0.010-in. slot for screens Puye 5900 and #3; 0.005-in. for screen #2 Tpf 🔿 Formation Screen placements: low K,Th 1400 Screen #1: 617.7-624.5 ft)O.S Screen #2: 800.8-807.8 ft 5800 Screen #3: 964.8-980.9 ft Screen #4: 1235.1-1278.9 ft 1500 Screen #5: 1348.4-1355.3 ft Screen #6: 1637.9-1644.8 ft - 5700 **€**Tpf∳ Well development consisted of scrubbing, high K, Th 1600 bailing and pumping each screen, and pumping the sump. cARTography 5600 by A. Kron Groundwater occurrences were 11/28/00 determined by recognition of first water 5537 1722 ft T.D.-

Construction, stratigraphic, and hydrologic information for well CdV-R-15-3.